

Jay Hwang

[Github](#) • [Portfolio](#) • [Angel](#) • [LinkedIn](#)

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PROJECTS

TACKLING TRAFFICKING (Ruby on Rails, Postgres, ReactJS + Redux, CSS)

[Live](#) • [Github](#)

BLOG SITE BUILT TO HELP RAISE AWARENESS OF HUMAN - TRAFFICKING

- Reduced server-load by queueing client-requests to be dispatched on success callback
- Spearheaded creation of responsive-design, maximizing accessibility across all devices
- Improved performance by utilizing third party cloud-based storage systems

COUCHBNB (Ruby on Rails, Postgres, JavaScript, ReactJS + Redux, CSS)

[Live](#) • [Github](#)

FULL-STACK, REST-FUL, SINGLE-PAGE WEB APPLICATION INSPIRED BY AIRBNB

- Optimized search by utilizing Google Maps API to create a geolocation-based search engine
- Slashed DB build time 30% by utilizing Meta-Programming to automate repetitive tasks
- Designed & implemented RESTful API to communicate from client to server via AJAX

SPACE - INVADERS (Vanilla Javascript, HTML Canvas, CSS)

[Live](#) • [Github](#)

FRONT-END, BROWSER-BASED GAME BUILT WITH JAVASCRIPT AND HTML CANVAS

- Utilized Vanilla JavaScript & HTML5 Canvas to create a robust front-end game
- Increased addictiveness by incorporating special power-up & drop items
- Alleviated lag by engineering a method that utilizes real-time measurements

PABANG (WebCrawler) (Ruby, Selenium)

[Github](#)

WEBCRAWLER DESIGNED TO AID THE JOB APPLICATION PROCESS

- Kickstarted project by laying the foundation for engineering team to build upon
- Engineered a script that applies to jobs matching specified criteria
- Implemented keyword matching algorithm to filter and query data specified by users

SKILLS

JAVASCRIPT | ES6 | REACT.JS | REDUX | JQUERY | HTML5 | CSS | WEBPACK

RUBY | RUBY ON RAILS | PYTHON | SQL | POSTGRESQL | GIT | PHOTOSHOP

EDUCATION

MUSIC PERFORMANCE

2012

NYACK COLLEGE

- B.M. in Music - Jazz Drum Performance

SOFTWARE DEVELOPMENT

FALL 2016

APP ACADEMY

- Rigorous 1000-hour full stack software development school with < 3% acceptance rate
- Emphasizes Algorithms, ADT's + Data Structures, OOP, TDD and Pair-Programming
- 90% percentile based on weekly technical assessments & peer-reviews out of cohort of 80+

EXPERIENCE

FREELANCE SOFTWARE DEVELOPER

2014 - 2017

- Delivered quality full-stack software projects with HTML, CSS, JavaScript, Rails & Postgres
- Boosted client satisfaction by following up & refactoring code to enhance products
- Reduced development-time & increased code-manageability 30% by creating Reusable Components & utilizing Meta Programming